| 1  | L<br>Number | Hits  | Search Text  | DB    | Time stamp |
|--|-------------|-------|--|-------|------------|
| 2  |             | 515   | (allocat\$4 with bandwidth).ab.  | USPAT |            |
| 15   | 2           | 141   |  | USPAT | 2004/03/08 |
| 4   8   ("539222"   "5546324"   "5594725"   USPAT 2004/03/08   "5740075"   "5817145"   "5729535"   1   | 3           | 15    | ((allocat\$4 with bandwidth).ab.) and  | USPAT | 2004/03/08 |
| 1   6373855.URPN.   USPAT   2004/03/08     1   0   (audio with (sen? or transmis?) with   USPAT   2004/03/08     1   0   (audio with (sen? or transmis?) with   USPAT   2004/03/08     1   1   0   (audio with (sen? or transmis?) with   USPAT   2004/03/08     1   1   0   (audio with (sen? or transmis?) with   USPAT   2004/03/08     1   1   2   25211   (audio with (sen? or transmis?))   USPAT   2004/03/08     1   1   1   1   1   1   1   1   1   | 4           | 8     | ("5392223"   "5546324"   "5594725"  <br>"5608653"   "5617145"   "5729535"  | USPAT | 2004/03/08 |
| 6  | 5           | 1     |  | USPAT |            |
| 10   | 6           | 3     | ("6014694"   "6373855"   "6480541").PN.  | USPAT | 2004/03/08 |
| 11   | 10          | 0     |  | USPAT | 2004/03/08 |
| 13   | 11          | o     | (audio with (sen? or transmi\$7) with  | USPAT | 2004/03/08 |
| 11   | 12          | 25211 |  | USPAT | 2004/03/08 |
| 13   | 13          | 0     | "not"  | USPAT | 11:45      |
| Stop) same server  |             |       | stop   |       | 13:39      |
| and (audio and video)  |             |       | stop) same server  |       | 11:48      |
| and (audio and video).ab.   13:43   2004/03/08   13:42   2004/03/08   13:42   2004/03/08   13:42   2004/03/08   13:42   2004/03/08   13:42   2004/03/08   13:42   2004/03/08   13:42   2004/03/08   13:44   2004/03/08   2004/03 |             |       | and (audio and video)  |       | 13:41      |
| 18   |             | _     | and (audio and video).ab.  |       | 13:43      |
| 13:42   2004/03/08   13:44   2004/03/08   13:44   2004/03/08   13:44   2004/03/08   13:44   2004/03/08   20 |             | _     |  |       | 13:42      |
| and (audio and video)  11 (((quality or custom\$) with adjust\$).ab. and (audio and video)) and server  22 1 ("6373855").PN.  23 252 video and "color depth" and (network or internet)  24 64 video.ab. and "color depth" and (network or internet)  25 6 video and "color depth" and (network or internet).ab.  26 6 video and "increas\$4 with "color depth")  27 28 42 video and ((higher or increas\$4) same "color depth") and (network or improv\$4) same "color depth") and (network or internet)  28 43 video and ((higher or increas\$4 or improv\$4) same "color depth") and (network or internet)  29 1 ("6473739").PN.  30 12 (("6473739,") or ("6582304,") or ("6960411,") or ("68825075,") or ("6381465,") or ("6157841,") or ("6381465,") or ("67974170")).PN.  31 17 video same ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4 or increas\$4) with quality)  33 124 (video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)  (video and ((color with depth) and pixel and quantiz\$2) and ((high\$4 or improv\$4 or increas\$4) with quality)   |             |       |  |       | 13:42      |
| and (audio and video)) and server  | ,           |       | and (audio and video)  |       | 13:44      |
| 252   video and "color depth" and (network or internet)   14:47   2004/03/08   14:47   2004/03/08   14:47   2004/03/08   |             |       | and (audio and video)) and server  |       | 14:28      |
| internet   video.ab. and "color depth" and (network or internet)   14:47   2004/03/08   14:47   2004/03/08   14:47   2004/03/08   14:47   2004/03/08   14:47   2004/03/08    |             | _     |  |       | 2004/03/08 |
| 25 6 Video.ab. and "color depth" and (network or internet).ab.  26 0 10 2004/03/08 27 2004/03/08 28 27 42 Video and ((higher or increas\$4) same "color depth") and (network or internet)  28 29 20 1 ("6473739").PN.  29 20 1 ("6473739").PN.  29 20 2004/03/08 20 2004/03/08 20 2004/03/08 21 2 (("6473739,") or ("6582304,") or ("6625580,") or ("6381465,") or ("6381465,") or ("6381465,") or ("6381465,") or ("6473739").PN.  31 31 37 Video and ((color with depth) and pixel and quantiz\$) 32 42 4 video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) 33 42 4 (video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) 35 2004/03/08 36 30 4 5 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8   | 24          | 64    | video.ab. and "color depth" and (network   | USPAT | 2004/03/08 |
| 26   | 25          | 6     | video.ab. and "color depth" and (network   | USPAT | 2004/03/08 |
| 27   | 26          | 6     | video and (increas\$4 with "color depth")  | USPAT | 2004/03/08 |
| 28   | 27          | 42    | video and ((higher or increas\$4) same   | USPAT | 2004/03/08 |
| 1 ("6473739").PN.  12 (("6473739,") or ("6582304,") or ("5960411,") or ("5852775,") or ("6625580,") or ("6397057,") or ("6381465,") or ("6381465,") or ("6647257,") or ("6647257,") or ("6647257,") or ("6647257,") or ("6647257,") or ("5774170")).PN.  17 video same ((color with depth) and pixel and quantiz\$)  18 video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)  19 video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)  10 video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)   | 28          | 43    | video and ((higher or increas\$4 or improv\$4) same "color depth") and   | USPAT | 2004/03/08 |
| 12 (("6473739,") or ("6582304,") or ("5960411,") or ("5960411,") or ("5852775,") or ("6625580,") or ("6397057,") or ("5794116,") or ("5845263,") or ("6381465,") or ("6157841,") or ("6647257,") or ("5774170")).PN.  31   | 29          | 1     |  | USPAT |            |
| ("6625580,") or ("6397057,") or ("5794116,") or ("5845263,") or ("6381465,") or ("6157841,") or ("6647257,") or ("5774170")).PN.  31   | 30          | 12    | (("6473739,") or ("6582304,") or   | USPAT | 2004/03/08 |
| 31 video same ((color with depth) and pixel and quantiz\$) 32 l24 video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality) 33 l24 (video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or and quantiz\$)  |             |       | ("6625580,") or ("6397057,") or<br>("5794116,") or ("5845263,") or<br>("6381465,") or ("6157841,") or  |       | 13:07      |
| 32 video and ((color with depth) and pixel uspat 2004/03/08 and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)  33 124 (video and ((color with depth) and pixel uspat 2004/03/08 and quantiz\$) and ((high\$4 or improv\$4 or 15:26  | 31          | 17    | video same ((color with depth) and pixel   | USPAT |            |
| 33 124 (video and ((color with depth) and pixel USPAT 2004/03/08 and quantiz\$) and ((high\$4 or improv\$4 or 15:26  | 32          | 124   | video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or   | USPAT | 2004/03/08 |
| or custom\$) with adjust\$).ab. and (audio and video).ab.)   | 33          | 124   | (video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)) not (((quality or custom\$) with adjust\$).ab. and (audio | USPAT |            |

Search History 3/8/04 6:08:22 PM Page 1

| 34  | 116  | <pre>(video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)) not (video same ((color with depth) and pixel and</pre>   | USPAT | 2004/03/08<br>15:28 |
|-----|------|---|-------|---------------------|
| 35  | 32   | <pre>quantiz\$)) ((video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)) not (video same ((color with depth) and pixel and quantiz\$))) and (server or netwrok or internet)</pre>   | USPAT | 2004/03/08<br>15:29 |
| 36  | 112  | video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) adj quality)   | USPAT | 2004/03/08<br>15:34 |
| 37  | 105  | (video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) adj quality)) not (video same ((color with depth) and pixel and quantiz\$))   | USPAT | 2004/03/08<br>15:34 |
| 38  | 7    | (video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) adj quality)) not ((video and ((color with depth) and pixel and quantiz\$) and ((high\$4 or improv\$4 or increas\$4) with quality)) not (video same ((color with depth) and pixel and | USPAT | 2004/03/08<br>15:55 |
| 39  | 1    | quantiz\$)))<br>  ("6014694").PN.   | USPAT | 2004/03/08<br>15:56 |
| 40  | 548  | video and "color depth"   | USPAT | 2004/03/08<br>15:56 |
| 41  | 285  | video and "color depth" and quality   | USPAT | 2004/03/08<br>15:56 |
| 42  | 12   | video same "color depth" same quality   | USPAT | 2004/03/08          |
| 97  | 25   | ((image or video) same (closed-captioned or (close\$2 adj caption\$4))).ab. and (server or network or internet)   | USPAT | 2004/03/08<br>17:14 |
| 98  | 4771 | (audio and video) same stream   | USPAT | 2004/03/08          |
| 99  | 345  | ((audio and video) same stream).ab.   | USPAT | 2004/03/08          |
| 100 | 12   | ((audio and video) same stream).ti.   | USPAT | 2004/03/08<br>17:18 |
| 101 | 835  | "audio stream" and "video stream"   | USPAT | 2004/03/08<br>17:19 |
| 102 | 36   | ("audio stream" and "video stream").ab.   | USPAT | 2004/03/08          |
| -   | 6015 | audio.ti.   | USPAT | 2004/03/08<br>11:10 |
| -   | 1198 | audio.ti. and (audio adj signal).ab.  | USPAT | 2004/02/24          |
| _   | 614  | <pre>(audio.ti. and (audio adj signal).ab.) and ((audio or sound or hear\$4 or noise) with (locat\$7 or position\$4 or parameter or coordinate or placement or spatial))</pre>  | USPAT | 2004/02/24<br>14:39 |
| _   | 154  |   | USPAT | 2004/02/24<br>14:45 |
| _   | 138  | <pre>(((audio.ti. and (audio adj signal).ab.) and ((audio or sound or hear\$4 or noise) with (locat\$7 or position\$4 or parameter or coordinate or placement or spatial))) and network) and (cpu or process\$)</pre>   | USPAT | 2004/02/24<br>14:54 |
| -   | 1    |   | USPAT | 2004/02/24<br>14:59 |

Search History 3/8/04 6:08:22 PM Page 2

| _ | 8      | ("4232198"   "4658425"   "4734934"  <br>"5020098"   "5335011"   "5572591"  <br>"5619555"   "5742688").PN.  | USPAT | 2004/02/24<br>14:57          |
|---|--------|--|-------|------------------------------|
| - | 4      | ((((audio.ti. and (audio adj signal).ab.) and ((audio or sound or hear\$4 or noise)  | USPAT | 2004/02/24<br>14:59          |
|   |        | <pre>with (locat\$7 or position\$4 or parameter or coordinate or placement or spatial))) and network) and (cpu or process\$)) and</pre>  |       |                              |
| - | 7      | imaging<br>(("6172672,") or ("5978835,") or<br>("6195683,") or ("6081278,") or<br>("5859898,") or ("5995490,") or  | USPAT | 2004/03/08<br>11:44          |
| - | 47915  | ("5659539")).PN.<br>audio and video  | USPAT | 2004/03/05                   |
| _ | 39301  | audio same video   | USPAT | 11:30<br>2004/03/05          |
| - | 37801  | (audio with video) or a-v or audio-video   | USPAT | 11:30<br>2004/03/05<br>16:26 |
| _ | 6974   | or "a/v" ((audio with video) or a-v or audio-video or "a/v") and server  | USPAT | 2004/03/05<br>18:26          |
| - | 122    | (((audio with video) or a-v or audio-video or "a/v") and server).ab.   | USPAT | 2004/03/05                   |
| - | 479897 | (decreas\$4 or lower\$4 or ceas\$6 or relax\$6 or reduc\$6 or stop or lessen or  | USPAT | 2004/03/05                   |
|   |        | taper or halt or hold) near3 (transmi\$6 or stream\$4 or data or video or audio or media or signal or capacity or rate or bandwidth)   |       |                              |
| - | 3082   | (((audio with video) or a-v or audio-video or "a/v") and server) and ((decreas\$4 or lower\$4 or ceas\$6 or relax\$6 or reduc\$6 or stop or lessen or taper or halt or hold) near3 (transmi\$6 or stream\$4 or data or video or audio or   | USPAT | 2004/03/05<br>16:36          |
| - | 66     | media or signal or capacity or rate or bandwidth)) ((((audio with video) or a-v or audio-video or "a/v") and server).ab.) and ((decreas\$4 or lower\$4 or ceas\$6 or relax\$6 or reduc\$6 or stop or lessen or taper or halt or hold) near3 (transmi\$6 or stream\$4 or data or video or audio or media or signal or capacity or rate or | USPAT | 2004/03/05<br>16:34          |
| - | 27468  | relax\$6 or reduc\$6 or stop or lessen or taper or halt or hold) near3 (transmi\$6 or stream\$4 or data or video or audio or media or signal or capacity or rate or  | USPAT | 2004/03/05<br>16:35          |
| _ | 1      | audio-video or "a/v") and server).ab.) and (((decreas\$4 or lower\$4 or ceas\$6 or relax\$6 or reduc\$6 or stop or lessen or taper or halt or hold) near3 (transmi\$6 or stream\$4 or data or video or audio or media or signal or capacity or rate or   | USPAT | 2004/03/05<br>16:35          |
| - | 1672   | bandwidth)).ab.) ((((audio with video) or a-v or audio-video or "a/v") and server) and ((decreas\$4 or lower\$4 or ceas\$6 or relax\$6 or reduc\$6 or stop or lessen or taper or halt or hold) near3 (transmi\$6 or stream\$4 or data or video or audio or media or signal or capacity or rate or bandwidth))) and quality               | USPAT | 2004/03/05<br>16:37          |

| - | 167 | ((((audio with video) or a-v or<br>audio-video or "a/v") and server) and<br>((decreas\$4 or lower\$4 or ceas\$6 or<br>relax\$6 or reduc\$6 or stop or lessen or<br>taper or halt or hold) near3 (transmi\$6            | USPAT | 2004/03/05<br>16:37 |
|---|-----|--|-------|---------------------|
|   |     | or stream\$4 or data or video or audio or media or signal or capacity or rate or bandwidth))) and quality.ab.  |       |                     |
| - | 7   | (((audio with video) or a-v or audio-video or "a/v") and server and quality).ab.   | USPAT | 2004/03/05<br>16:39 |
| _ | 18  | 6014694.URPN.  | USPAT | 2004/03/05<br>16:38 |
| - | 14  | (((audio with video) or a-v or audio-video or "a/v") and bandwidth and quality).ab.  | USPAT | 2004/03/05<br>16:40 |
| _ | 128 | (((audio with video) or a-v or audio-video or "a/v") and bandwidth).ab.  | USPAT | 2004/03/05<br>16:40 |
| - | 110 | ((decreas\$4 or lower\$4 or ceas\$6 or relax\$6 or reduc\$6 or stop or lessen or taper or halt or hold) near3 (transmi\$6  | USPAT | 2004/03/05<br>16:45 |
|   |     | or stream\$4 or data or video or audio or media or signal or capacity or rate or bandwidth)) and ((((audio with video) or a-v or audio-video or "a/v") and bandwidth).ab.)   |       |                     |
| - | 19  | ("4558180"   "4710917"   "4847829"   "5231649"   "5386466"   "5463629"   "5559798"   "5574724"   "5590127"   "5598416"   "5673253"   "5680392"   "5687095"   "5717857"   "5729532"   "5751338"   "5796724"   "6073192" | USPAT | 2004/03/05<br>17:07 |
| - | 16  | "6081513").PN.   | USPAT | 2004/03/05<br>17:08 |
| - | 8   | "6249280"   "6278447"   "6285361"  <br>"6327420").PN.<br>("5392223"   "5546324"   "5594725"  <br>"5608653"   "5617145"   "5729535"   | USPAT | 2004/03/05<br>17:08 |
| - | 1   | "5740075"   "5874997").PN.<br>"5604731".PN.  | USPAT | 2004/03/05<br>17:08 |
| - | 18  | 6014694.URPN.  | USPAT | 2004/03/05<br>17:08 |
| - | 9   | 6172672.URPN.  | USPAT | 2004/03/05<br>17:12 |
| - | 14  | ("5687332"   "5764235"   "5845255"  <br>"5965859"   "6014694"   "6148333"  <br>"6172672"   "6260021"   "6282330"  <br>"6330068"   "6332146"   "6400411"  <br>"6430354"   "6501472").PN.                                | USPAT | 2004/03/05<br>18:19 |
| - | 0   | 6675210.URPN.  | USPAT | 2004/03/05<br>18:25 |
| - | 18  | ((image with audio) and server).ab.  | USPAT | 2004/03/05<br>18:26 |
| - | 26  | (image and audio and server).ab.   | USPAT | 2004/03/05<br>18:27 |
| - | 4   | (image and audio and server and quality).ab.   | USPAT | 2004/03/05<br>18:30 |
| - | 8   | ("5262875"   "5659539"   "5742343"  <br>"5886733"   "5982436"   "6014694"  <br>"6185625"   "6282206").PN.  | USPAT | 2004/03/05<br>18:28 |
| _ | 916 | <pre>(image or video) same (closed-captioned or (close\$2 adj caption\$4))</pre>   | USPAT | 2004/03/05<br>18:30 |
| - | 61  | ((image or video) same (closed-captioned or (close\$2 adj caption\$4))).ab.  | USPAT | 2004/03/08<br>16:50 |
| _ | 2   | (("6363413,") or ("6008856")).PN.  | USPAT | 2004/03/05<br>19:09 |

| _ | 21 | ("5727159"   "5737495"   "5737536"   | USPAT | 2004/03/05 |
|---|----|--------------------------------------|-------|------------|
|   | 1  | "5742892"   "5745642"   "5754774"    |       | 19:09      |
|   | ·  | "5768511"   "5768527"   "5886733"    |       | · ·        |
|   |    | "5898833"   "5930526"   "5933835"    |       |            |
|   |    | "5996022"   "6025877"   "6154771"    |       | İ          |
|   |    | "6167442"   "6182031"   "6185625"    | 1     |            |
|   |    | "6247050"   "6230162"   "6237031"    |       |            |
|   |    | "2001/0002900"   "2001/0013123").PN. |       | i          |